

IgG Control

103

0.1

OD 420/620

7.

1F3 3B7

0.5

Figure 1

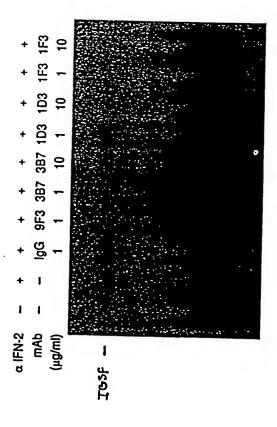


Figure 2

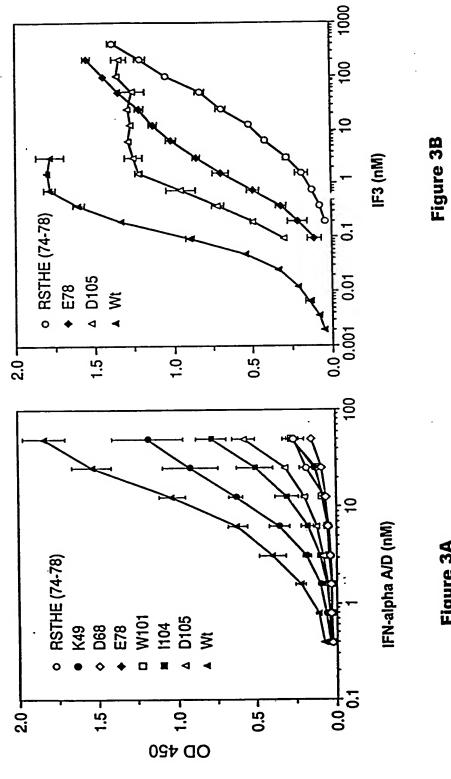


Figure 3A

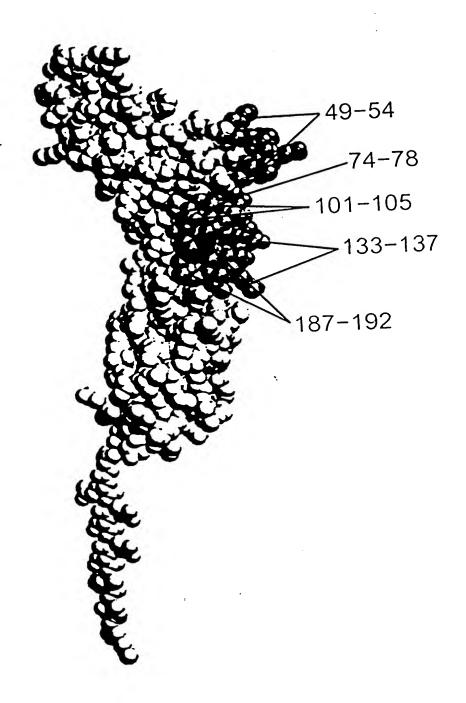


Figure 4

CTIANGGAIT THIANCOITT CHACGANAAC TCGGTCTTAC GGAAGTAGCA GTCTAGTGAA TTAAACCAAG AGTACCACAT ATAGTCGGAG CACAAACCAT **GAATTCCTAA AAATAGCAAA GAIGCTTTTG AGCCAGAATG CCTTCATCGT CAGATCACTT AATTTGGTTC TCATGGTGTA TATCAGCCTC GTGTTTGGTA**

human alpha beta receptor

- SerTyrAs pSerProAsp TyrThrAspG luSerCysTh rPheLysIle SerLeuArgA snPheArgSe rIleLeuSer TrpGluLeuL ysAsnHisSer AAAGTATACT AAGGGGACTA ATGTGTCTAC TTAGAACGTG AAAGTTCTAT AGTAACGCTT TAAAGGCCAG GTAGAATAGT ACCCTTAATT TTTTGGTGAG 101 TITCATATGA TICGCCIGAT TACACAGATG AATCTIGCAC TITCAAGATA TCATIGCGAA ATTICCGGIC CATCTIATCA TGGGAATTAA AAAACCACTC
- TGAGTGATAT GTAACGACAT ATGTTAGTAC TCATTTGGTC TTCTAAACTT CCACCAATTC TTGACACGTT TATGGTGTTC TAGTAAAACA 35 IleValPro ThrHisTyrT hrLeuleuTy rThrIleMet SerLysProG luAspLeuLy sValValLys AsnCysAlaA snThrThrAr gSerPheCys 201 CATTGTACCA ACTCACTATA CATTGCTGTA TACAATCATG AGTAAACCAG AAGATTTGAA GGTGGTTAAG AACTGTGCAA, ATACCACAAG ATCATTTTGT GTAACATGGT
- Aspleuthra spglutrpar gserthrHis GlualatyrV althrValle uGluGlyPhe SerGlyAsnT hrthrLeuPh eSerCysSer HisAsnPheTrp GTGTTAAAGA 101 GACCICACAG AIGAGIGGAG AAGCACACAC GAGGCCIAIG ICACCGICCI AGAAGGAIIC AGCGGGAACA CAACGIIGII CAGIIGCICA CACAAIIICI GTCAACGAGT CICCOGAIAC AGIGGCAGGA ICTICCIAAG ICGCCCTIGI GINGCAACAA CIGGAGIGIC TACTCACCIC ITCGIGIGIG 89
- Leuklail easpMetSer PhegluProP rogluPhegl uileValgly PheThrAsnH isileAsnVa lMetValLys PheProSeri leValGluGlu 101 GGCTGGCCAT AGACATGTCT TTTGAACCAC CAGAGTTTGA GATTGTTGGT TTTACCAACC ACATTAATGT GATGGTGAAA TTTCCATCTA TTGTTGAGGA CCGACCGGTA TCTGTACAGA AAACTTGGTG GTCTCAAACT CTAACAACCA AAATGGTTGG TGTAATTACA CTACCACTTT AAAGGTAGAT AACAACTCCT 102
- CITTAITITC CITTGIACTC ACCITTAAAG Clureugin PheAspleus erLeuValii eGluGluGluGin SerGluGlyi leValiysiy sHisiysPro GluileiysG lyAsnMetSe rGlyAsnPhe 501 AGAATTACAG TITGATTAT CICTCGICAT TGAAGAACAG TCAGAGGGAA TIGITAAGAA GCATAAACCC GAAATAAAAG GAAACATGAG 1GGAAATTIC TCTTAATOTC AAACTAAATA GAGAGCAGTA ACTTCTTGTC AGTCTCCCTT AACAATTCTT CGTATTTGGG 135
- ThrTyrilei leAspiysie uileProAsn ThrAsnTyrC ysValSerVa lTyrLeuGlu HisSerAspG luGlnAlaVa lileLysSer ProLeuLysCys GGGAATTTTA 601 ACCTATATCA TTGACAAGTT AATTCCAAAC ACGAACTACT GTGTATCTGT TTATTTAGAG CACAGTGATG AGCAAGCAGT AATAAAGTCT TOGANANAST AACTOTICAA TIAAGGITIG TGCITGAIGA CACATAGACA AATAAAICIC GIGICACTAC ICGITCGICA.ITAITICAGA
- FINGRAGGA AGGIGGACCG GICCTIAGIC TIAGICGICT TAGACGGCTG TITIGAGIGI GIACGGGIGG CACGGGICGI GGACTIGAGG ACCCCCTGG TAILeule uproprodly gingluserg luseraladg useralaasp Lysthrhist alcyspropr ocysproals progluleul euglyglypr 701 GCACCETCET TECACETGGC CAGGAATCAG AATCAGCAGA ATCTGCCGAC AAAACTCACA CATGCCCACC GTGCCCAGCA CETGAACTCC TGGGGGGACC COTOGGAGGA 202
- Servalthe Leuthetrof rolystroly saspthrieu MetileSera rgthrprogl uvalthrcys Valvalvala spvalSermi sgluaspPro 801 GICAGICTIC CICTICCCCC CAAAACCCAA GGACACCCTC AIGAICTCCCC GGACCCCTGA GGICACATGC GIGGIGGIGG ACGIGAGCCA CGAAGACCCT CCAGTGTACG CACCACCACC TGCACTCGGT CAGTCAGAAG GAGAAGGGGG GTTTTGGGTT CCTGTGGGAG TACTAGAGGG CCTGGGGACT

Ciantro 5A

268 GluValLysp heAsnTrpTy rValAspGly ValGluValH isAsnAlaLy sThrLysPro ArgGluGluG lnTyrAsnSe rThrTyrArg ValValSerVal 901 GAGGTCAAGT TCAACTGGTA CGTGGACGGC GTGGAGGTGC ATAATGCCAA GACAAAGCCG CGGGAGGAGG AGTACAACAG CACGTACCGA GTGGTCAGCG TAITACGGIT CIGITICGGC GCCCTCCTCG ICATGITGIC GIGCAIGGCT CACCAGICGC CICCAGITICA AGITGACCAI GCACCIGCGG CACCICCACG

LeuThrVa lLeuHisGln AspTrpLeuA snGlyLysGl uTyrLysCys LysValSerA snLysAlaLe uProAlaPro IleGluLysT hrIleSerLys 1001 TCCTCACCOT CCTGCACCAG GACTGGCTGA ATGGCAAGGA GTACAAGTGC AAGGTCTCCA ACAAAGCCCT CCCAGCCCCC ATCGAGAAAA CCATCTCCAA AGGAGTGGCA GGACGTGGTC CTGACCGACT TACCGTTCCT CATGTTCACG TTCCAGAGGT TGTTTCGGGA GGGTCGGGGG TAGCTCTTT GGTAGAGGTT 302

1101 AGCCAAAGGG CAGCCCCGAG AACCACAGGT GTACACCCTG CCCCATCCC GGGAAGAGAT GACCAAGAAC CAGGTCAGCC TGACCTGCCT GGTCAAAGGC 335 AlaLysGly GinProArgG luProGinVa lTyrThrLeu ProProSerA rgGluGluMe tThrLysAsn GinValSerL euThrCysLe uValLysGly resorrece sressescre trosporeca carsisseae sesserasse ecerterera erestretas srecastese aersaacssa ceastrices

AAGATAGGGT CGCTGTAGCG GCACCTCACC CTCTCGTTAC CCGTCGGCCT CTTGTTGATG TTCTGGTGCG GAGGGCACGA CCTGAGGCTG CCGAGGAAGA 368 PheTyrpros eraspileal avalglutry Gluserasng lyglnprogl uasnasntyr Lysthrthrp roprovalle uaspserasp GlyserPhephe 1201 TICTAICCCA GCARCAICGC COTGGAGTIGG GAGAGCAATG GGCAGCCGGA GAACAACTAC AAGACCACGC CTCCCGTGCT GGACTCCGAC GGCTCCTTCT

Leutyrse rLysteuthr ValaspLyss erargtrpgl nglnglyasn ValPheserc ysservalme thisgluala LeuHisasnH isTyrThrgln 1301 TCCTCTACAG CAAGCTCACC GTGGACAAGA GCAGGTGGCA GCAGGGGAAC GTCTTCTCAT GCTCCGTGAT GCATGAGGCT CTGCACAACC ACTACACGCA AGGAGATGTC GTTCGAGTGG CACCTGTTCT CGTCCACCGT CGTCCCCTTG CAGAAGATA CGAGGCACTA CGTACTCCGA GACGTGTTGG TGATGTGCGT

(SEQ ID NO.26) LysserLeu SerLeuSerP rodlyLysOP *

435

sv40 early

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1601 AATGTATCTT ATCATGTCTG GATCGATCGG GAATTAAFTC GGCGCAGCAC CATGGCCTGA AATAACCTCT GAAAGAGAA CTTGGTTAGG TACCTTCTGA TTACATAGAA JAGTACAGAC CTAGCTAGCC CTTAATTAAG CCGCGTCGTG GTACCGGACT TTATTGGAGA CTTTCTCCTT GAACCAATCC ATGGAAGACT av40 origin 1701 GGCGGAAAGA ACCAGCTGTG GAATGTGTGT CAGTTAGGGT GTGGAAAGTC CCCAGGCTCC CCAGCAGGCA GAAGTATGCA AAGCATGCAT CTCAATTAGT CCGCCTTTCT TGGTCGACAC CTTACACACA GTCAATCCCA CACCTTTCAG GGGTCCGAGG GGTCGTCCGT CTTCATACGT TTCGTACGTA GAGTTAATCA

CAGCAACCAG GIGIGGAAAG ICCCCAGGCG CCCCAGCAGG CAGAAGIAIG CAAAGCAIGC AICICAAITA GICAGCAACC AIAGICCGG CCCTAACTIC GICGIIGGIC CACACCIIIC AGGGICCGA GGGGICGICC GICIICAIAC GIIICGIACG IAGAGIIAAI CAGICGIIGG IAICAGGGCG GGGAITGAGG 1801

- 1901 GCCCATCCCG CCCTAACTC CGCCCAGITC CGCCCATICT CCGCCCCATG GCTGACTAAT TITITIATT TATGCAGAGG CCGAGGCCGC CTCGGCCTCT CGGGTAGGGC GGGGATTGAG GCGGGTAAAA GGCGGGGTAC CGACTGATTA AAAAAATAA ATACGTCTCC GGCTCCGGCG GAGCCGGAGA
- GAGCTAITICC AGAAGTAGIG AGGAGGCIII ITIGGAGGCC TAGGCTITIG CAAAAAGCIG ITAACAGCII GGCACTGGCC GICGITITIAC AACGICGIGA CTCGATAAGG TCTTCATCAC TCCTCCGAAA AAACCTCCGG ATCCGAAAAC GTTTTTCGAC AATTGTCGAA CCGTGACCGG CAGCAAAATG TTGCAGCACT Start pUC118 2001
- 2101 CTGGGAAAAC CCTGGCGTTA CCCAACTTAA TGGCGTTGCA GCACATCCCC CCTTGGCCA CTGGGGTAAT AGGGAGAGG CCCGCACGA TGGCCTTCC GACCCTTTTG GGACCGCAAT GGGTTGAATT AGGGGAACGT CGTGTAGGGG GGAAGCGGTC GACCGCATTA TCGCTTCTCC GGGCGTGGCT AGGGGGAAGG
- GTAGCCTGAA TGGCGAATGG CGCCTGATGC GGTATTTTCT CCTTACGCAT CTGTGCGGTA TTTCACACCG CATACGTCAA AGCAACCATA OTTOTCAACG CATCGGACTT ACCGCTTACC GCGGACTACG CCATAAAAGA GGAATGCGTA GACACGCCAT AAAGTGTGGC GTATGCAGTT TCGTTGGTAT 2201 CAACAGTTGC
- 2301 GTACGCCCC TGTAGCGCC CATTAAGCGC GGCGGGTGTG GTGGTTACGC GCAGCGTGAC CGCTACACTT GCCAGCGCCC TAGCGCCCGC TCCTTTCGCT CATGCGCGGG ACATCGCCGC GTAATTCGCG CCGCCCACAC CACCAATGCG CGTCGCACTG GCGATGTGAA CGGTCGCGGG ATCGCGGGGCG AGGAAAGCGA
- 2401 TICITCCCIT CCITICICGC CACGITCGCC GGCTITCCCC GTCAAGCTCT AAATCGGGGG CTCCCTITAG GGTTCCGAIT TAGTGCTTTA CGGCACCTCG AAGAAGGGAA GGAAAGAGCG GTGCAAGCGG CCGAAAGGGG CAGTTCGAGA TITAGCCCCC GAGGGAAATC CCAAGGCTAA ATCACGAAAT GCCGTGGAGC
- GAGTCCACGT TCTTTAATAG TOGGOTITIT TGAACTAAAC CCACTACCAA GTGCATCACC CGGTAGCGGG ACTATCTGCC AAAAAGCGGG AAACTGCAAC CTCAGGTGCA AGAAATTATC 2501 ACCCCAAAAA ACTICAAITIG GGIGAIGGIT CACGIAGIGG GCCAICGCCC IGAIAGACGG TITITCGCCC TITGACGITG
- GTTAAAAAT rccigagaac aaggitigac citgitgiga gitgggatag agcccgataa gaaactaaa tattccctaa aacggctaaa gccggataac caattitita CGGCCTATTG TGGACTCTTG TICCAAACTG GAACAACACT CAACCCTATC TCGGGCTATT CITTTGATTT ATAAGGGATT TIGCCGATTT 2601
- GCCGCATAGT CTCGACTAAA TIGITITIAA ATIGOGCITA AAAITGITIT ALAAITGCAA AIGITAAAAT ACCACGIGAG AGICAIGITA GACGAGACIA CGGCGIAICA CAGCTCATT AACAAAAIT TAACGCGAAT ITTAACAAAA TAITAACGIT TACAAITITA IGGIGCACIC ICAGIACAAI CIGCICTGAI 2701
- GCTCCCGGCA ATTOGOTICA GOCCATACO ATGCACTOAC CCAGTACCGA CGCGGGGCTG TGGGCGGTTG TGGGCGACTG CGCGGGACTG CCCGAACAGA CGAGGGCCGT TAAGCCAACT CCGCTATCGC TACGTGACTG GGTCATGGCT GCGCCCCGAC ACCCGCCAAC ACCCGCTGAC GCGCCCTGAC GGGCTTGTCT 2801
- TCGGCTTACA GACAAGCTGT GACCGTCTCC GGGAGCTGCA TGTGTCAGAG GTTTTCACCG TCATCACCGA AACGCGCGAG GCAGTATTCT TGAAGACGAA AGGCGAATGT CTGTTCGACA CTGGCAGAGG CCCTCGACGT ACACAGTCTC CAAAAGTGGC AGTAGTGGCT TTGCGCGCTC CGTCATAAGA ACTTCTGCTT 2901
- 3001 AGGGCCTCGT GATACGCCTA TITITATAGG TIAATGTCAT GATAATAATG GITTCTTAGA CGTCAGGTGG CACTITTCGG GGAAATGTGC GCGGAACCCC TCCCGGAGCA CTATGCGGAT AAAAATATCC AATTACAGTA CTATTATTAC CAAAGAATCT GCAGTCCACC GTGAAAAGCC CCTTTACACG CGCCTTGGGG

Figure 5C

- tatttottta tittictaaa tacaitcaaa tatotaicco cicaigagac aataacccto ataaatgcti caataatat gaaaaaggaa gagtaigagi Ataaacaaat aaaaagaitt atotaagtit atacataggc gagtactcto ttattgggac tatttacgaa gitatataa cittitecti cicatactca 3101 TATTTGTTTA
- GATGCTGAAG ATTCAACATT TCCGTGTCGC CCTTATTCCC TTTTTGCGG CATTTTGCCT TCCTGTTTTT GCTCACCCAG AAACGCTGGT GAAAGTAAAA TAAGTTGTAA AGGCACAGCG GGAATAAGGG AAAAAACGCC GTAAAACGGA AGGACAAAAA CGAGTGGGTC TTTGCGACCA CTTTCATTTT 3201 ATTCAACATT
- TGATGAGCAC ACTACTCGTG 3301 ATCHGITGGG TGCACGAGIG GGTTACATCG AACTGGATCT CAACAGCGGT AAGATCCTTG AGAGTTTTCG CCCCGAAGAA CGTTTTCCAA TAGTCAACCC ACGTGCTCAC CCAATGTAGC TIGACCTAGA GTTGTCGCCA TTCTAGGAAC TCTCAAAAGC GGGGCTTCTT GCAAAAGGTT
- IIITAAAGIT CIGCIATGIG GCGCGGIAIT ATCCCGIGAT GACGCCGGGC AAGAGCAACT CGGTCGCCGC ATACACTAIT CTCAGAATGA CTTGGTTGAG AAAAIITCAA GACGAIACAC CGCGCCAIAA TAGGGCACIA CTGCGGCCCG ITCTCGTTGA GCCAGCGGCG TATGTGAIAA GAGTCTTACT GAACCAACTC 3401
- TACTCACCAG TCACAGAAAA GCATCTTACG GATGGCATGA CAGTAAGAGA ATTATGCAGT GCTGCCATAA CCATGAGTGA TAACACTGGG GCCAACTTAC ATGAGTGGTC AGTGTCTTT CGTAGAATGC CTACCGTACT GTCATTCTCT TAATACGTCA CGACGGTATT GGTACTCACT ATTGTGACGC CGGTTGAATG 3501
- TICTGACAAC GAICGGAGGA CCGAAGGAGC TAACCGCTIT ITIGCACAAC AIGGGGGAIC AIGIAACICG CCTIGAICGI IGGGAACGG AGCIGAAIGA AAGACIGIIG CIAGCCICCI GGCIICCICG AIIGGCGAAA AAACGIGIIG IACCCCCIAG IACAIIGAGC GGAACIAGCA ACCCIIGGCC ICGACIIACI 3601
- 3701 AGCCATACCA AACGACGAGG GTGACACCAC GATGCCAGCA GCAATGGCAA CAACGTTGCG CAAACTATTA ACTGGCGAAC TACTTACTCT AGCTTCCCGG TCGGTATGGT TTGCTGCTCG CACTGTGGTG CTACGGTCGT CGTTACCGTT GTTGCAACGC GTTTGATAAT TGACCGCTTG ATGAATGAGA TCGAAGGGCC
- CAACAITIA TAGACTGGAT GGAGGCGGAT AAAGTTGCAG GACCACTICT GCGCTCGGCC CTTCCGGCTG GCTGGTTAI TGCTGAAAAA TCTGGAGCCG GTTGTTAATT ATCTGACCTA CCTCCGCCTA TTTCAACGTC CTGGTGAAGA CGCGAGCCGG GAAGGCCGAC CGACCAAATA ACGACTATTT AGACCTCGGC 3801
- CAACTATGGA GTTGATACCT GTGAGCGTGG GTCTCGCGGT ATCATTGCAG CACTGGGGCC AGATGGTAAG CCCTCCCGTA TCGTAGTTAT CTACACGACG GGGAGTCAGG CACTCGCACC CAGAGCGCCA TAGTAACGTC GTGACCCCGG TCTACCATTC GGGAGGGCAT AGCATCAATA GATGTGCTGC CCCTCAGTCC 3901
 - TGAACGAAAT AGACAGATCG CTGAGATAGG TGCCTCACTG ATTAAGCATT GGTAACTGTC AGACCAAGTT TACTCATATA TACTTTAGAT TGATTTTAAA ACTTGCTTTA TCTGTCTAGC GACTCTATCC ACGGAGTGAC TAATTCGTAA CCATTGACAG TCTGGTTCAA ATGAGTATAT ATGAAATCTA ACTAAATTTT 1001
 - CITCAITITI AAITIAAAAG GAICTAGGIG AAGAICCITT ITGAIAAICI CAIGACCAAA AICCCITAAC GIGAGITITIC GIICCACTGA GCGICAGACC GAAGIAAAAA TIAAAITIIC CIAGAICCAC ITCIAGGAAA AACTAITAGA GIACTGGITI IAGGGAAITG CACTCAAAAG CAAGGIGACI CGCAGICTGG 4101
 - CCGTAGAAAA GATCAAAGGA TCTTCTTGAG ATCCTTTTTT TCTGCGGGTA ATCTGCTGCT TGCAAACAAA AAAACCACCG CTACCAGGG TGGTTGTTT GGAAAAAA GATCAAAGGA CTACCAGGG TGGTTGTTT TTTTGGTGGG GATGGTCGCC ACCAAACAAA 4201
 - GCCGGATCAA GAGCTACCAA CTCTTTTCC GAAGGTAACT GGCTTCAGCA GAGCGCAGAT ACCAAATACT GTCCTTCTAG TGTAGGCCGTA GTTAGGCCAC CGGCCTAGTT CTCGATGGTT GAGAAAAGG CTTCCATTGA CCGAAGTCGT CTCGCGTCTA TGGTTTATGA CAGGAAGATC ACATCGGCAT CAATCCGGTG 4301

- ACCEGETTES 4401 CACTICAAGA ACTICIGIAGE ACCGCTACA TACCTCGCTC TGCTAATCCT GTTACCAGTG GCTGCTGCCA GTGGCGATAA GTCGTGTCTT GTGAAGTTCT TGAGACATCG TGGCGGATGT ATGGAGGGAG ACGATTAGGA CAATGGTCAC CGACGACGGT CACCGCTATT CAGCACAGAA
- CCGAACTGAG GGCTTGACTC MAGTICIGE TATCAANGGE CTATTCCGGG TCGCCAGCCC GACTTGCCCC CCAAGCAGGT GTGTCGGGTC GAACCTCGCT TGCTGGATGT ACGACCTACA CTTGGAGCGA 4501 ACTCAAGACG ATAGTTACCG GATAAGGCGC AGCGGTCGGG CTGAACGGGG GGTTCGTGCA CACAGCCCAG
- 4601 ATACCTACAG COTGAGCATT GAGAAAGGGC CACGCTTCCC GAAGGGAGAA AGGCGGACAG GTATCCGGTA AGCGGCAGGG TCGGAACAGG AGAGCGCACG TATGGATGTC GCACTCGTAA CTCTTTCGGG GTGCGAAGGG CTTCCCTCTT TCCGCCTGTC CATAGGCCAT TCGCCGTCC AGCCTTGTCC TCTCGCGTGC
- AGGGAGCTIC CAGGGGGAAA CGCCIGGTAI CIITAIAGIC CIGTCGGGTI TCGCCACCTC TGACTIGAGC GTCGAITITI GIGAIGCTCG TCAGGGGGGC TCCCTCGAAG GTCCCCCTIT GCGGACCAIA GAAAIAICAG GACAGCCCAA AGCGGTGGAG ACTGAACTCG CAGCIAAAA, CACTACGAGC AGTCCCCCCG AGGGAGCTTC 4701
- GGAGCCTATG GAAAAAGGCC AGCAACGCGG CCTTTTTACG GTTCCTGGCC TTTTGCTGGC CTTTTGCTCA CATGITCTTT CCTGCGTTAT CCCCTGATTC CCTCGGATAC CTTTTTGCGG TCGTTGCGCC GGAAAAATGC CAAGGACCGG AAAACGACCG GAAAACGAGT GTACAAGAAA GGACGCAATA GGGGACTAAG GGAGCCTATG 4801
- TOTOGATAAC COTATTACCO CETTTOADTO AGETGATACC GETGGCCGCA GEGGACGAC GAGGGCAGC GAGTCAGTGA GCGAGGAAGG GGAAGAGCGC ACACETATTO GCATAATGGC GGAAACTCAC TCGACTATGG CGAGGGGCGT CGGCTTGCTG GCTCGCGTCG CTCAGTCACT CGCTCCTTCG CCTTCTCGCG TOTOGATAAC COTATTACCO 4901
- CCAATACGCA AACCGCCTCT 5001
- 5101 TTAATGTGAG TTACCTCACT CATTAGGCAC CCCAGGCTTT ACACTTTATG CTTCCGGCTC GTATGTTGTG TGGAATTGTG AGCGGATAAC AATTTCACAC AATTACACTC AATGGAGTGA GTAATCCGTG GGGTCCGAAA TGTGAAATAC GAAGGCCGAG CATACAACAC ACCTTAACAC TCGCCTATTG TTAAAGTGTG
- 5201 AGGAAACAGC TATGACCATG ATTACGAGTT AATTCGAGCT CGCCCGACAT TGATTATTGA CTAGTTATTA ATAGTAATCA ATTACGGGGT CATTAGTTCA TCCTTTGTCG ATACTGGTAC TAATGCTTAA TTAAGCTCGA GCGGGCTGTA ACTAATAACT GATCAATAAT TATCATTAGT TAATGCCCCA GTAATCAAGT from pPMLCMV beginning to HindIII, enhancers and promoter
- 5301 TAGCCCATAT ATGGAGTICC GCGTHACATA ACTHACGGTA AATGGCCCGC CTGGCTGACC GCCCAACGAC CCCCGCCCAT TGACGTCAAT AATGACGTAT ATCACGTAT ATCAGGTATA TACCGGGCG CACCGACTGG CGGGTTGCTG GGGGCGGGTA ACTGCAGTTA TTACTGCATA
- GITCCCATAG TAACGCCAAT AGGGACTITIC CATTGACGTC AATGGGTGGA GTATTTACGG TAAACTGCCC ACTTGGCGTGT ACATCAAGTG TATCATATGC CAAGGGTATC ATTGCGGTTA TCCCTGAAAG GTAACTGCAG TTACCCACCT CATAAATGCC ATTTGACGGG TGAACCGTCA TGTAGTTCAC ATAGTATACG 5401
- 5501 CAAGTACGCC CCCTATTGAC GICAATGACG GIAAATGGCC CGCCTGGCAT TATGCCCAGT ACATGACCTT ATGGGACTTT CCTACTTGGC AGTACATCTA GGATAACTG CAGTTACTGC CATTTACCGG GCGGACCGTA ATACGGGTCA TGTACTGGAA TACCCTGAAA GGATGAACCG TCATGTAGAT

Figure 5E

5701 ATTOACOTCA ATGGGAGITT GTTTTGGCAC CAAAATCAAC GGGACTTTCC AAAAGTCGT AACAACTCCG CCCCATTGAC GCAAATGGGC GGTAGGCGTG TAACTGCAGT TACCTCAAA CAAAACCGTG GTTTTAGTTG CCCTGAAAGG TTTTACAGCA TTGTTGAGGC GGGGTAACTG CGTTTACCCG CCATCCGCAC

SBOI TACGGTGGGA GGTCTATATA AGCAGAGCTC GTTTAGTGAA CCGTCAGATC GCCTGGAGAC GCCATCCACG CTGTTTTGAC CTCCATAGAA GACACGGGA ATGCCACCCT CCAGATATAT TGGTCTCGAG CAATCACTT GGCAGTCTAG CGGACCTCTG CGGTAGGTGC GACAAAACTG GAGGTATCTT CTGTGGCCCT

5901 CCGATCCAGC CTCCGCGGCC GGGAACGGTG CATTGGAACG CGGATTCCCC GTGCCAAGAG TGACGTAAGT ACCGCCTATA GAGTCTATAG GCCCACCCCC GTGCCAAGAG ACTGCAAGAGTA TGGCGGAIAT CTCAGATATC CGGGTGGGGG

6001 TIGGCTCGTT AGAACGCGGC TACAATTAAT ACATAACCTT ATGTATCATA CACATACGAT TTAGGTGACA CTATAGAATA ACATCCACTT TGCCTTTCTC
AACCGAGGAA TCTIGGGGCG ATGTTAATTA TGTATTGGAA TACATAGTAT GTGTATGCTA AATCCACTGT GATATCTTAT TGTAGGTGAA ACGGAAAGAG sp6 RNA start sp6 promoter

(SEQ ID NO.25) 6101 TCCACAGGTG TCCACTCCCA GGTCCAACTG CAGGCCATGG CGGCCATCGA TT AGGTGTCCAC AGGTGAGGGT CCAGGTTGAC GTCCGGTACC GCCGGTAGCT AA cloning linker Figure 5F